

2007 Daily Values

EAST FORK RIVER AT FAIRMAN, IL (EFA/EFPA)

Location: LAT. 38-41-23, LONG. 89-05-59, IN NE 1/4 NW 1/4 SEC.21, T.3 N., R.1 E., MARION COUNTY, ON LEFT BANK AT DOWNSTREAM SIDE OF BRIDGE ON U.S. HIGHWAY 51, ABOUT 1 MILE NORTH OF FAIRMAN, ABOUT 5 MILES NORTH OF SANDOVAL, AND AT MILE 9.9. NOTE#1: NEW RIVER MILEAGE DETERMINED AFTER 1962-86 CHANNEL IMPROVEMENTS. NOTE#2: DATA PREVIOUSLY TAKEN FROM STILLING WELL LOCATED AT LAT. 38-41-23, LONG. 89-05-56, AT OLD BRIDGE PIER UPSTREAM OF US HWY 51 BRIDGE, APPROXIMATELY 4 MILES NORTH OF SANDOVAL, IL & AT OLD RIVER MILE 9.5 ABOVE THE MOUTH OF THE KASKASKIA (GAGE STILL USED AS AUXILIARY AND IS EQUIPPED WITH TELEMAR).

Gage: G.O.E.S. TELEMETERED DATA COLLECTION PLATFORM WITH PRESSURE TRANSDUCER. OWNED, OPERATED & MAINTAINED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS.

General Information: DRAINAGE AREA 113 SQUARE MILES.

Records Available: ELEVATION, 1984 TO DATE, IN FILES OF CORPS OF ENGINEERS.

Mean Elev: PERIOD OF RECORD, 463.71 FT .

Extreme Elev: PERIOD OF RECORD, DAILY HIGH OF 479.95 FT ON 15 NOV 1993 & PERIOD OF RECORD, DAILY LOW OF 461.63 FT ON 02 AUG 1988 .

Zero Gage Datum: 460.20 ft NGVD. NOTE: SUBTRACT DATUM FROM ELEVATION TO OBTAIN STAGE.

ALL VALUES RECORDED AT 8AM. ELEVATION IN FT:

Day	Month											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	469.01	463.00	464.13	463.40	462.86	462.61						
2	465.01	462.99	464.39	463.27	462.81	462.51						
3	463.94	462.92	464.39	463.16	462.82	462.45						
4	463.56	462.87	463.79	464.36	462.81	462.41						
5	466.66	462.82	463.52	464.66	463.95	462.39						
6	466.93	462.78	463.41	463.66	464.36	462.35						
7	464.93	462.76	463.34	463.33	463.48	462.34						
8	464.94	462.74	463.29	463.18	463.13	462.30						
9	464.95	462.74	463.24	463.10	462.95	462.26						
10	463.94	462.73	463.22	463.06	462.83	462.24						
11	463.57	462.72	463.18	463.11	462.74	462.22						
12	463.40	462.75	463.13	463.33	462.68	462.22						
13	471.61	465.33	463.10	463.36	462.63							
14	472.24	468.78	463.09	463.37	462.56							
15	475.57	466.59	463.82	466.27	462.52							
16	471.83	465.18	467.43	465.12	462.58							
17	465.88	464.57	464.53	463.95	462.53							
18	464.32	464.13	463.90	463.56	462.48							
19	463.96	463.84	463.62	463.35	462.44							
20	463.72	467.73	466.88	463.21	462.44							
21	463.57	470.68	464.86	463.12	462.41							
22	463.74	469.13	464.19	463.05	462.39							
23	464.13	465.46	463.92	463.01	462.38							
24	464.29	464.82	464.77	462.99	462.36							
25	464.58	472.54	464.52	463.02	462.33							
26	464.12	471.43	463.92	463.04	462.37							
27	463.71	465.21	463.63	463.14	462.67							
28	463.45	464.41	463.47	463.13	462.54							
29	463.28	----	463.36	463.05	463.44							
30	463.28	----	465.97	462.93	463.07							
31	463.08	----	463.65	----	462.74	----			----		----	
The following statistics are based on observations occuring in 2007 only.												
Mean	465.52	465.13	464.05	463.48	462.78	462.36						
Max	475.57	472.54	467.43	466.27	464.36	462.61						
Min	463.08	462.72	463.09	462.93	462.33	462.22						
Day	31	28	31	30	31	12	0	0	0	0	0	0

The Mean ELEV for the Year was: 464.05
The Highest ELEV for the Year was: 475.57 which occurred on: 01-15-2007
The Lowest ELEV for the Year was: 462.22 which occurred on: 06-12-2007 06-11-2007
The Total Number of Days for the Year was: 163

NOTICE: All data contained herein is preliminary in nature and therefore subject to change. The data is for general information purposes ONLY and SHALL NOT be used in technical applications such as, but not limited to, studies or designs. All critical data should be obtained from and verified by the United States Army Corps of Engineers. The United States Government assumes no liability for the completeness or accuracy of the data contained herein and any use of such data inconsistent with this disclaimer shall be solely at the risk of the user.